

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD SECRETARY

JOHN AUERBACH COMMISSIONER

## The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

05/11/12

Jesse O'Neill Assistant District Attorney, Essex County

ADA O'Neill,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipt.
- 2. Control Cards with analytical results for sample #'s

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- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

Kate Corbett

Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

#### PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

### The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
State Laboratory Institute

Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625 Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00 2:00 - 4:00 DRUG RECEIPT

**Amherst Hours** 

9:00 - 12:00 1:00 - 3:00

City or Department: METHUEN	Police Reference No.	
Name and Rank of Submitting Officer:	value	( danda)
Defendant(s) Name (last, first, initial):		
To be completed by Submitter Description of Items Submitted	To be completed by Gross Weight	V Lab Personnel  Lab Number
powder substance (heroin	4.70	
Thas cont topen twist cont 3 pieces tan powder substance (heroin)		
Substanuo Cheroin	4,90	
· · · · · · · · · · · · · · · · · · ·		
<del>1</del>	/ <	7 10 11 1

Date Analyzed: No. Date Analyzed: City: Methuen Police Dept. City: Methuen Police Dept. Officer: P.O. Lavallee Officer: P.O. Lavallee Def: Def Amount: Subst: SUB Amount: Subst: SUB No. Cont: No. Cont: Cont: pb Date Rec'd: 12/15/2011 No. Analyzed: Date Rec'd: 12/15/2011 No. Analyzed: Net Weight: \9 | 9 Gross Wt.: 5.70 Gross Wt.: 4.70 Net Weight: 0 - 8 U Findings: Findings: No. Date Analyzed; City: Ivietnuen Police Dept. Officer: P.O. Lavallee Def: Amount: Subst: SUB No. Cont: 2 Cont: pb Date Rec'd: 12/15/2011 No. Analyzed: Gross Wt.: 4.90 Net Weight: 0 40

Findings:

# DRUG POWDER ANALYSIS FORM

SAMPLE#	AGENCY METHVEN ANALYST KAC
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:  I ph Contain of the Sub	Gross Wt ( ): 0.97339  Gross Wt ( ): 0.97339  Gross Wt ( ): 0.10449  Net Wt: 0.81890
1000 CIFC SUD	Sicorco
PRELIMINARY TESTS Spot Tests  Cobalt Thiocyanate ( ) + hul  Marquis + purpl  Froehde's + qurpl  Mecke's + qurpl	Microcrystalline Tests  Gold Chloride  TLTA ( )  OTHER TESTS
PRELIMINARY TEST RESULTS  RESULTS HUDIN  DATE 4 20 12	GC/MS CONFIRMATORY TEST  RESULTS + CONFIRMATORY TEST  MS OPERATOR + CONFIRMATORY TEST  DATE + CONFIRMATORY TEST  RESULTS + CONFIRMATORY TEST  RESULTS + CONFIRMATORY TEST  RESULTS + CONFIRMATORY TEST  RESULTS + CONFIRMATORY TEST  DATE + CONFIRMATORY TEST

# DRUG POWDER ANALYSIS FORM

SAMPLE # AGENCY W	Thren ANALYST KA
No. of samples tested:	Evidence Wt.
PHYSICAL DESCRIPTION:	Gross Wt ( ): 2.03120
physical description:  Iph Containing a to rock-like Substance	Gross Wt ( ):
in the Caloratual of	(3vocks) Pkg. Wt: 0.12089
LOCK-like soprance	Net Wt: 1-91049
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt + hlul Thiocyanate ( )	Gold Chloride
Marquis + purply	TLTA ( )
Froehde's Through	OTHER TESTS
Mecke's tayeer	*
V	
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS HUMDIN	RESULTS TOM INTERIOR TEST
DATE 2/20/12	THE TENTE OF THE T
	11.0
	OPERATOR VAC
	1 2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

### DRUG POWDER ANALYSIS FORM

DROG FOWDER ANALTSIS FORM	
SAMPLE # AGENCY AGENCY AGENCY No. of samples tested:	ANALYST KAC Evidence WL
PHYSICAL DESCRIPTION:	Gross Wt (2): 1.55259
2 pbs Containing to	Office of the state of the stat
proder	Net Wt: 0.4053 d
-duble bagged	
PRELIMINARY TESTS Spot Tests	Microcrystalline Tests
Cobalt Thiocyanate ( ) 4 h) V	Gold Chloride
Marquis + purple	TLTA ( )
Froehde's + pwn4	OTHER TESTS
Mecke's t green.	<b>+</b>
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TEST
RESULTS HOUND	RESULTS - LVO   V
DATE 4/20/12	OPERATOR HAC

: C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825404.D File Name

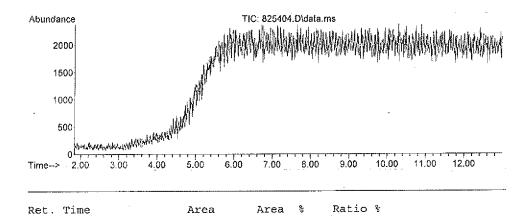
Operator : KAC Date Acquired : 23 Apr 2012 15:47

Sample Name : BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

: RTE Integrator



\*\*\*NO INTEGRATED PEAKS\*\*\*

Information from Data File: File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825405.D Operator : KAC Date Acquired : 23 Apr 2012 16:03 Sample Name : HEROIN STD Submitted by Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE Abundance TIC: 825405.D\data.ms 6.280 800000 600000 400000 200000 8.00 9.00 10.00 11.00 12.00 6.00 7.00 Time--> 2.00 3.00 4.00 5.00 Ret. Time Ratio % Area Area % 1323638 100.00 100.00 6.280

File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825405.D

Operator : KAC

Date Acquired : 23 Apr 2012 16:03

Sample Name : HEROIN STD

Submitted by

Vial Number : 5 AcquisitionMeth: DRUGS.M

Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

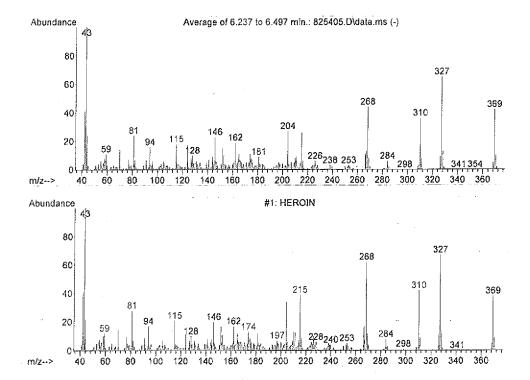
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 6.28 C:\Database\SLI.L HEROIN

IN 000561-27-3 99 ·



File Name

: C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825410.D

Operator : KAC

Date Acquired

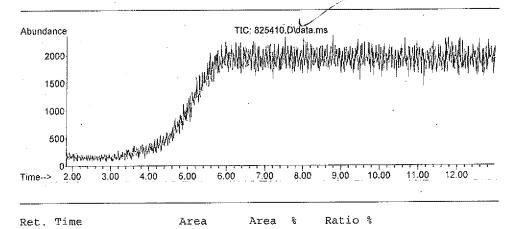
: 23 Apr 2012 17:22

Sample Name Submitted by ; BLANK : KAC

Vial Number AcquisitionMeth: DRUGS.M

Integrator

: RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

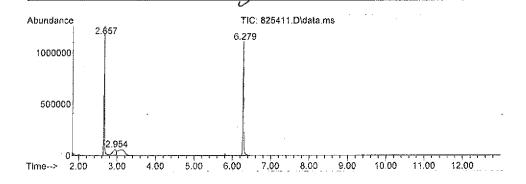
File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825411.D

Operator : KAC

Date Acquired : 23 Apr 2012 17:3

Sample Name

Submitted by : KAC
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.657	1520851	45.36	99.07	
2.954	297046	8.86	19.35	
6.279	1535107	45.78	100.00	

: C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825411.D File Name

Operator : KAC

Date Acquired 23 Apr 2012 17:37

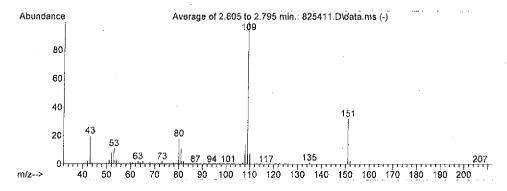
Sample Name Submitted by Vial Number 11 AcquisitionMeth: DRUGS.M Integrator : RTE

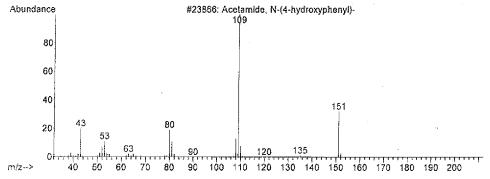
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.66	C:\Database\NIST05a.L Acetamide, N-(4-hydroxyphenyl)- Acetamide, N-(4-hydroxyphenyl)- Acetamide, N-(4-hydroxyphenyl)-	000103-90-2 000103-90-2 000103-90-2	97 95 94





: C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825411.D File Name

: KAC Operator

23 Apr 2012 Date Acquired 17:37

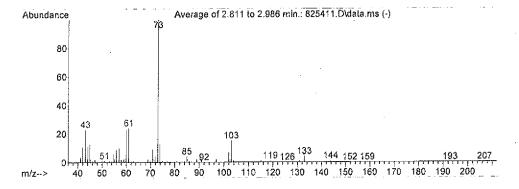
Sample Name Submitted by : KAC Vial Number 11 AcquisitionMeth: DRUGS.M : RTE Integrator

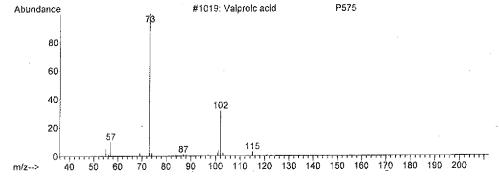
Search Libraries: C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	2.95	C:\Database\PMW_TOX2.L Valproic acid	000099-66-1	9
		Aminoethanol Myristic acid	000141-43-5 000544-63-8	3 2





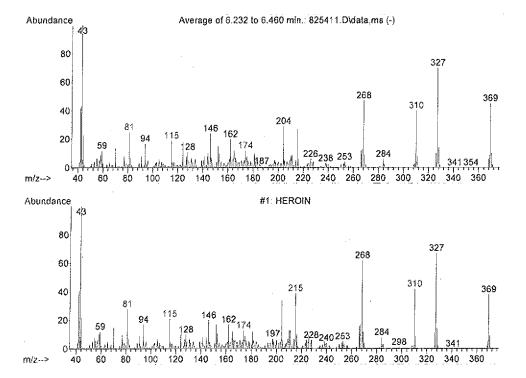
File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825411.D

Operator : KAC

Date Acquired : 23 Apr 2012 17:37

Sample Name :
Submitted by : KAC
Vial Number : 11
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search	Librar.	ies: C:\Database\SL C:\Database\NI; C:\Database\PM	ST05a.L	Minimum Qualit Minimum Qualit	
PK#	RT	Library/ID	<b>M</b>	CAS#	Qual
3	6.28	C:\Database\SLI.L HEROIN	V .	000561-27-3	99

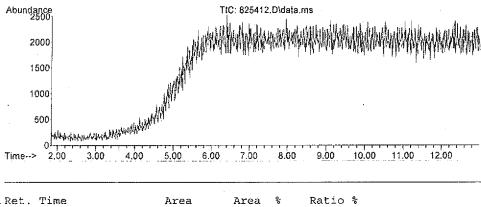


Information from Data File:
File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825412.D

Operator : KAC

Date Acquired : 23 Apr 2012 17:53

Sample Name : BLANK Submitted by ; KAC Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE



Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

825412.D

Mon Apr 23 18:04:41 2012

Page 1

Operator : KAC Date Acquired 23 Apr 2012 18:09 Sample Name Submitted by : KAC Vial Number 13 AcquisitionMeth: DRUGS.M Integrator : RTE TIC: 825413.D\data.ms Abundance 2,652 800000 6.274 600000 400000 200000 3.018 3.00 12.00 9.00 10.00 11.00 Time--> 2.00 4.00 5.00 6.00 7.00 8.00

Ret Time	Area	Area %	Ratio %	
2.652	1016067	36.04	100.00	
3.018	856827	30.39	84.33	
6.274	946567	33.57	93.16	

Information from Data File: : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825413.D File Name Operator : KAC Date Acquired 18:09 Sample Name Submitted by KAC Vial Number 13 AcquisitionMeth: DRUGS.M Integrator : RTE Search Libraries: C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80 C:\Database\PMW\_TOX2.L PK# RT Library/ID CAS# Qual. 1 2.65 C:\Database\NIST05a.L Acetamide, N-(4-hydroxyphenyl)-000103-90-2 97: Acetamide, N-(4-hydroxyphenyl)-000103-90-2 95 Acetamide, N-(4-hydroxyphenyl)-000103-90-2 94 Abundance Average of 2.615 to 2.769 min.: 825413.D\data.ms (-) 80 60 40 151 20 60 65 117 122 129 135 85 90 95 35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155 m/z--> #23866: Acetamide, N-(4-hydroxyphenyl)-109 Abundance 80 60 40 151

20

m/z-->

35 40 45 50 55 60 65 70 75 80 85 90 95 100 105 110 115 120 125 130 135 140 145 150 155

File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825413.D

Operator KAC

Date Acquired 23 Apr 2012 18:09

Sample Name Submitted by

Vial Number

Integrator

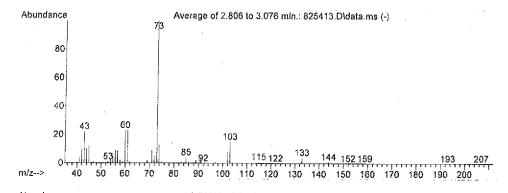
13 AcquisitionMeth: DRUGS.M : RTE

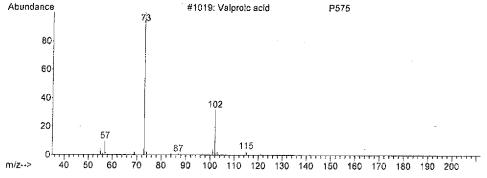
Search Libraries:

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual
2	3.02	C:\Database\PMW_TOX2.L		
		Valproic acid —	000099-66-1	7
		Aminoethanol	000141-43-5	3
		Myristic acid	000544-63-8	2





825413.D

Mon Apr 23 18:20:29 2012

Page 3

File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825413.D

: KAC Operator

Date Acquired 23 Apr 2012 18:09

Sample Name Submitted by

RT

PK#

13

Vial Number AcquisitionMeth: DRUGS.M : RTE Integrator

Search Libraries: C:\Database\SLI.L

C:\Database\NIST05a.L

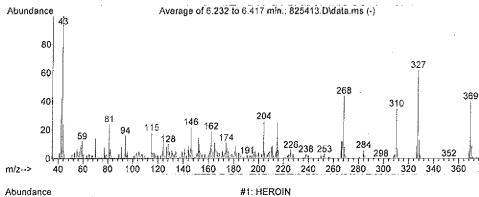
Minimum Quality: 80 Minimum Quality: 80

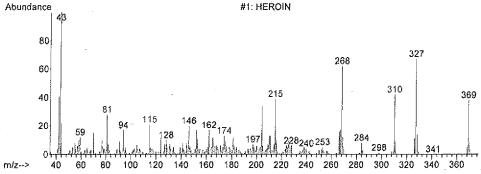
C:\Database\PMW\_TOX2.L

Library/ID CAS# Qual

3 6.27 C:\Database\SLI.L HEROIN

000561-27-3 99



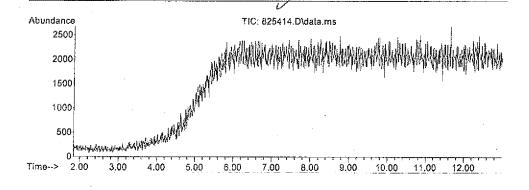


File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825414.D

Operator : KAC

Date Acquired : 23 Apr 2012 18:24

Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



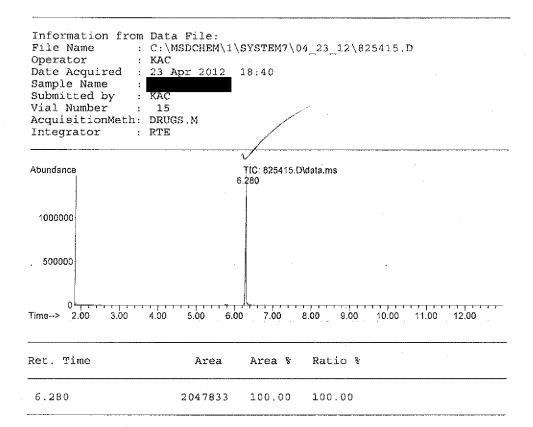
Ret. Time Area Area % Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

825414.D

Mon Apr 23 18:36:06 2012

Page 1



File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825415.D

Operator : KAC

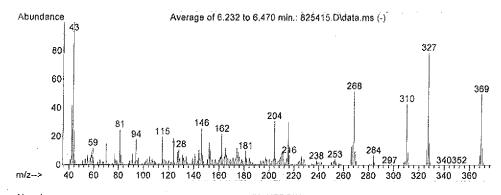
Date Acquired : 23 Apr 2012 18:40

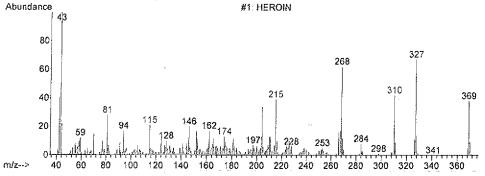
Sample Name :
Submitted by : KAC
Vial Number : 15
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NISTO5a.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual





99

File Name : C:\MSDCHEM\1\SYSTEM7\04\_23\_12\825421.D

Area

Operator
Date Acquired : KAC

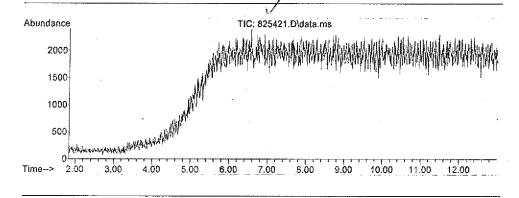
: 23 Apr 2012 20:14

Sample Name BLANK

Submitted by

Vial Number AcquisitionMeth: DRUGS.M

Integrator : RTE



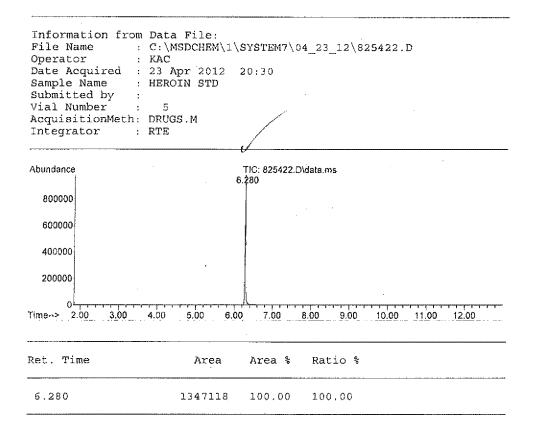
Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

Ret. Time

#### Area Percent / Library Search Report



File Name : C:\MSDCHEM\1\SYSTEM7\04 23 12\825422.D

Operator KAC

Date Acquired 23 Apr 2012 20:30

Sample Name HEROIN STD

Submitted by

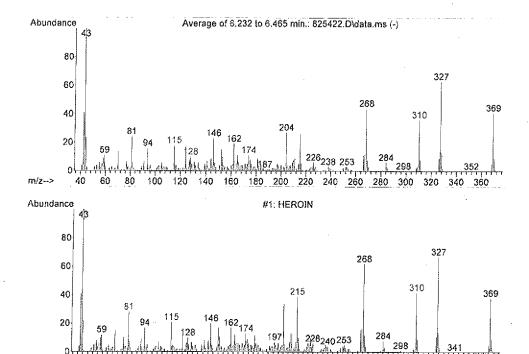
Vial Number AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST05a.L

Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual 1 6.28 C:\Database\SLI.L HEROIN 000561-27-3 99



m/z -->

60

80

40

100

298

120 140 160 180 200 220 240 260 280 300 320 340 360